

Year 2 Task:

Objective: To use measuring skills accurately.

Make a windmill:

Check with an adult before you start this task. Check with them if you have the things you need, including scissors that they are happy for you to use. These are:

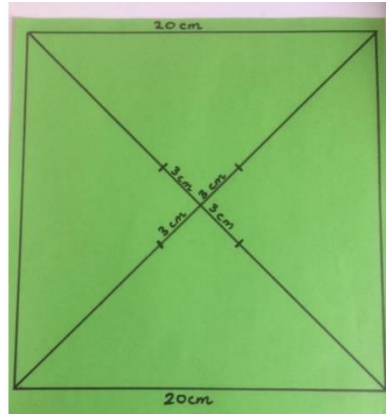
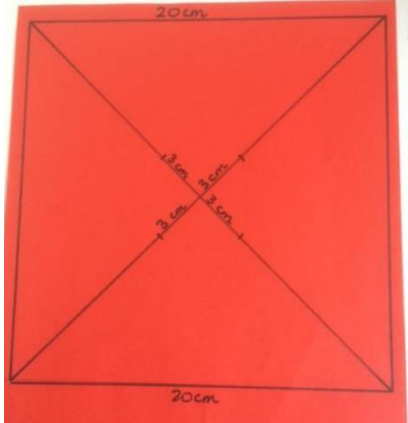
- Two pieces of paper that you can cut 20cm squares from. (You could use old magazines for this and choose colourful pages)
- A ruler and pencil
- Glue stick, or a piece of sticky tape or a small sticker
- A wooden stick of some sort. If you don't have a stick, you could ask an adult to help you find one when you go out for a walk.
- Scissors
- A drawing pin or map pin

Instructions:

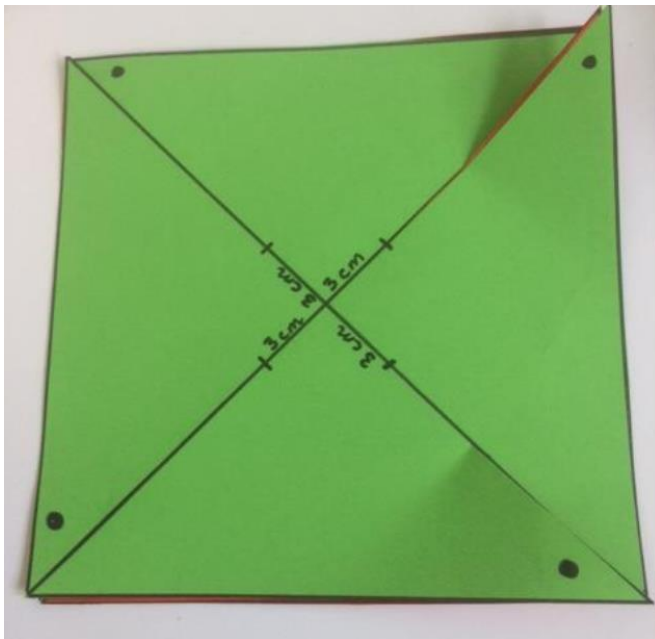
1. Draw two squares with the sides measuring 20cm.
2. Draw in the diagonal lines (from corner to corner) using a pencil or pen.
3. From the centre of the square (where the lines cross) measure out and mark 3cm from the centre on each line.
4. Cut out the squares. Then cut down the 4 diagonal lines from each corner but stop at the 3cm mark. **DON'T CUT RIGHT INTO THE MIDDLE!**
5. Place one square on top of the other and mark a small dot on every other corner section.
6. Fold down the four corner sections with the dot into the centre and stick down with a dab of glue, sticky tape or a sticker.
7. Use a drawing pin to attach it to your stick

Worked example;

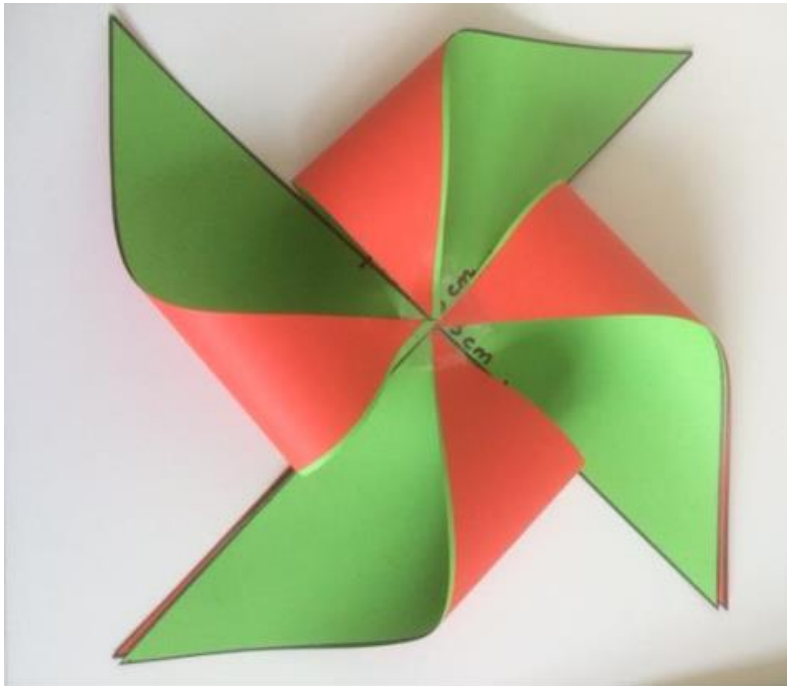
Step 1, 2 and 3:



Step 4 and 5:



Step 6:



Worked example

Step 7:



Variation:

You could try scaling down the measurements to see if it works as well – or better.

For example, you could make the sides of your square measure 15cm and mark the diagonal lines 2cm from the centre.

You can decorate your squares with drawings and stickers before you make the windmill if you want to.